American Dyestuff Reporter

INDEX

TO

VOLUME X

January 2, 1922, to June 19, 1922, Inclusive

[Note—Extra copies of this Index may be obtained, without charge, by addressing Howes Publishing Company, 4109 Woolworth Building, New York City.]

Subject Index

A

Subject — Page

Abstracts of A. C. S. Dye Division Papers, Spring Meeting..... 367
Acetyl Silk: The Dyeing of (Briggs)..... 42
Acid Colors: Dyeing Cotton Cloth in Cold and Slightly Warmed Baths with (Sansone)..... 220
Acid Colors: Piece Dyeing of Ladies' Dress Goods and Coatings with: (B. T. C.) [See under "Piece"]
Acid on Cotton Cellulose, and an Improved Method of Testing for Oxycellulose: On the Action of Dilute Sulphuric (Knecht and Thompson)..... 8
Acids Used in the Treatment of Textile Fabrics: Organic (Hall)..... 298
A. C. S. Dye Division Papers, Spring Meeting: Abstracts of..... 367
After-Chroming of Wool (Claflin)..... 397
Alexander: Sir William, on Co-operation as Means for Defeat of German Dyestuff Aims..... 95
American Association of Textile Chemists and Colorists. [See under "Proceedings." Provisional test methods of the Research Committee are listed under "Silk," "Wool," and "Cotton."]
Amsden, James L.: Obituary..... 160
Application of Dyestuffs: A Few of the Important Factors Affecting the (Putnam)..... 181

B

Basic Dyes to Light: Fastness of (Emmons)..... 265
Bibliography of Literature on the Fastness of Dyes (Murray)..... 123
Bleach-House Processes: Control of (Eastman)—Part IV..... 114
Bleaching Action: Notes on Hypochlorous Acid and Chlorine, with Comparison of Their (Taylor)..... 329
Bleaching of Cotton Goods: Control of Chlorine in the (Schroeder).. 300

C

Carbon Paper: Manufacture of Typewriter Ribbons and (Hassett).. 403
Cause of Nibs and Lousiness in Dyed Silks (Lewis)..... 327
Charts for the Dyehouse (Goldthwait and Hoff)..... 325
Chemical Aspects of Water-proofing and Mildew-proofing Textile Fabrics: Some [Abstract] (Adams, W. H.)..... 334
Chemical Constituents of Raw Cotton (Fargher and Withers)..... 116
Chemical Fire Hazards (Grier)..... 440
Chemist: Logarithmic Constants for the Textile (Pensel)..... 4
Chlorine in the Bleaching of Cotton Goods: Control of (Schroeder).. 300

Subject — Page

Chlorine, with Comparisons of Their Bleaching Action: Notes on Hypochlorous Acid and (Taylor)..... 329
Cleanliness in the Scouring of Textiles (Schofield)..... 295
Cloudedness: Some Causes of Shadedness and (Johnson, F. E.)..... 340
Cloudy Goods: The Causes for Shady and for (Bume)..... 337
Color Reactions for the Identification of Anthracene Vat Dyes (Murray)..... 159
Construction, Dyeing and Finishing of Homespuns (Templeton)..... 401
Control of Dyestuff Stocks..... 73
Cotton: A. A. T. C. C. Provisional Method on Fastness to Washing, Soaping, Laundering and Fulling of Dyed and Printed Cotton Against White Cotton..... 443
Cotton Piece Goods: The Padder in the Dyeing of (Kaeppler)..... 456
Cotton Cellulose, and an Improved Method of Testing for Oxycellulose: On the Action of Dilute Sulphuric Acid on (Knecht and Thompson)..... 8
Cotton: Chemical Constituents of Raw (Fargher and Withers)..... 116
Cotton Cloth in Cold and Slightly Warmed Baths with Acid Colors: Dyeing (Sansone)..... 220
Cotton Goods: Control of Chlorine in the Bleaching of (Schroeder).. 300
Cotton Piece Goods: Notes on the Dyeing of Direct Blacks on (Sansone)..... 402
Cotton: Two-Color Effects on Silk and (Pierce)..... 40

D

Decimal Pounds, or Metric Weights (Goldthwait)..... 1
Development of Tests for the Fastness of Dyestuffs (Murray)..... 231
Differential Reduction of Vat Dyes (Murray)..... 17
Direct Blacks on Cotton Piece Goods: Notes on the Dyeing of (Sansone)..... 402
Dress Fabrics: Dyeing Worsted (Matos)..... 383
Drying Machinery: New Line of..... 6
Dyehouse: Charts for the (Goldthwait and Hoff)..... 325
Dyehouse: Guesswork in the..... 228
Dyehouse: The Job (Brainerd)..... 361
Dye Imports Granted by U. S. Treasury Dept.: Licenses for [See under "Licenses"]
Dye Plant: Safety in the..... 47
Dye Soap (Brainerd)..... 3
Dyeing: A Historical Survey of (Barraclough)..... 80
Dyeing and Finishing of Homespuns: The Construction, (Templeton) 401
Dyeing and Printing of Foulards..... 84
Dyeing: Causes of Unevenness in Top (Spencer)..... 342
Dyeing Cotton Cloth in Cold and Slightly Warmed Baths with Acid Colors (Sansone)..... 220

L661.051
A512

497757
243522

Subject — Page

Dyeing of Direct Blacks on Cotton Piece Goods: Notes on the (Sansone) ... 402
Dyeing: Impurities in Water Which Affect (Hadfield) ... 75
Dyeing of Acetyl Silk (Briggs) ... 42
Dyeing of Ladies' Dress Goods and Coatings with Acid Colors: Piece (B. T. C.)
[See under "Piece"]
Dyeing of Shoddy Materials (Sidebottom) ... 253
Dyeing of Cotton Piece Goods: The Padder in the (Kaeppler) ... 456
Dyeing: Some Experiences with Uneven Warp (Haskell) ... 339
Dyeing: Technical and Practical Faults in Wool ... 259
Dyeing Wool and Worsted Pieces: Notes on (Knox) ... 369
Dyeing Wool as Raw Stock (Battye) ... 435
Dyeing Woolens and Worsteds: Piece (Fisk) ... 151
Dyeing Worsted Dress Fabrics (Matos) ... 383
Dyeings: Suggested Method for Filing Sample (Adams, E. W.) ... 432
Dyes: A Bibliography of Literature on the Fastness of (Murray) ... 123
Dyes, and Their Use: Reduction Vat (Hadley) ... 289
Dyes: Color Reactions for the Identification of Anthracene Vat (Murray) ... 159
Dyes: Differential Reduction of Vat (Murray) ... 17
Dyes: Testing and Standardizing (Greenhalgh) ... 381
Dyes to Light: Fastness of Basic (Emmons) ... 265
Dyestuffs: Development of Tests for the Fastness of (Murray) ... 231
Dyestuffs: A Few of the Important Factors Affecting the Application of (Putnam) ... 181
Dyestuff Stocks: The Control of ... 73

E

EDITORIALS [Titles in some cases are abbreviated]—
A Leaf from the German Book ... 21
The Index ... 21
This Issue ... 21
Explanations Are Wanted ... 22
1922 ... 22
British Dye Consumers and the Licensing System ... 53
International Business and the Exchange Situation ... 54
The English Colour Index ... 55
In Retrospect—and Prospect ... 89
"Where There's a Will—" ... 90
A Constructive Contribution to the Dye Legislation Controversy ... 91
The Dye Investigation ... 125
Research and the A. A. T. C. C. ... 127
Distribution of Reparation Colors ... 161
An Ill-Timed Demand ... 162
Amusing, Perhaps, but Not Important ... 163
What Does Senator Kirby Want? ... 197
A Distinction ... 233
"The World Do Move" ... 233
The 1923 Silk Exposition ... 235
Improved Prosperity Through Improved Commercial Standards ... 235
Proceedings of the A. A. T. C. C. ... 273
The Proposed Extension of Licensing ... 273
The Goal of Coal-Tar Chemical Research ... 274
Capitalize the Silk Show and Silk Week Publicity ... 275
Three Full Years ... 303
"The Next Best Thing" ... 304
Industrial Insurance ... 355
Welcome to the Knitting Arts Exhibition ... 391
Farewell to the Dye Investigation ... 392
A New Lesson from Italy ... 411
A Welcome Help to Chemical Industry ... 411
An Allied Issue ... 412
A British Warning ... 452
Competition from Reparation Colors ... 454
The Index ... 454
Effect of Scouring and Bleaching upon the Structure and Strength of Cotton Fabrics (Huebner) ... 190
Electrometric Titration as a Means of Determining the Free Sodium Sulphide in a Sulphur Black Dye Bath [Abstract] (Russell and Arnold) ... 346
Extraction of Oils and Soap from Thrown Silk (Mudge) ... 377

F

Fastness of Basic Dyes to Light (Emmons) ... 265
Fastness of Dyed Silk to Washing, Scouring and Fulling: A. A. T. C. C. Provisional Method on ... 374
Fastness of Dyed Wool to Fulling, Scouring and Washing: A. A. T. C. C. Provisional Method on ... 332
Fastness to Washing, Soaping, Laundering and Fulling of Dyed and Printed Cotton Against White Cotton: A. A. T. C. C. Provisional Method on ... 443
Fastness of Dyes: A Bibliography of Literature on (Murray) ... 123
Fastness of Dyestuffs: Development of Tests for the (Murray) ... 231
Fastness to Light (Pierce) ... 222
Finishing of Homespuns: The Construction, Dyeing and (Templeton) 401
Fire Hazards: Chemical (Grier) ... 440
FOREIGN TRADE OPPORTUNITIES— 173, 244, 268, 308, 352, 420
Foulards: Dyeing and Printing of ... 84

G

Green-Schultz and Schultz-Green Numbers: A Cross-Index of (Wales) ... 461
Guesswork in the Dyehouse ... 228

H

Hematine: Mordanting Wool for (Craven) ... 406
Historical Survey of Dyeing (Barraclough) ... 80
Homespuns: The Construction, Dyeing and Finishing of (Templeton) 401
Hydro-Extractors: Their Use and Abuse (Stephens) ... 458
Hypochlorous Acid and Chlorine, with Comparisons of Their Bleaching Action: Notes on (Taylor) ... 329

I

Imports Granted by U. S. Treasury Dept.: Licenses for Dye
[See under "Licenses"]

Subject — Page

INQUIRY DEPARTMENT—
Dyes for High-Grade Wood Stains ... 31
Heather-Mix Effects on Cotton and Silk Hosiery ... 31
Dyeing Worsted Cloth with Unresisted Silk Stripes ... 31
Change of Tone in Dyed Materials Under Artificial Light ... 31
Aniline Black on Cotton and Silk ... 31
Dyes for Light Tints on Silk and Cotton ... 68
Boiling Off Half-Silk Hosiery ... 68
Dyestuffs for Fancy Shades on Wool to Stand Fulling ... 68
Basic Dyes for Wool ... 69
Luster in Sized Coarse Twines ... 105
Redyeing Faded Woolen Garments ... 105
Removing Dye Stains from Hands ... 105
After-Chromed Black on Wool Shoddy ... 105
Chroming Sulphur Black on Cotton ... 137
Dyestuff for Iron Gallate Ink ... 137
Dye for Coloring Gelatine ... 137
Stripping Acid Dyestuffs from Wool ... 138
Dyestuffs for Tussah Silk ... 175
Dyes for Chrome-Tanned Leather ... 175
After-Treatment with Chrome and Bluestone ... 175
Designations of Pre-War Developers ... 175
Softener with Sulphur Blacks in Franklin Machine ... 208
Soluble Mordant for Gelatine ... 208
After-Chroming for Prevention of Tendering ... 209
Worsted Pieces with Resisted Silk Effects ... 209
Printing Inks ... 243
Dyes for Feathers ... 243
Dyes for Coloring Coated Papers ... 243
Deep Brown for Wool Waste ... 244
Mfrs. of Acetyl Silk ... 244
Fancy Shades with Fast Acid Colors ... 267
Navy Blues on Cotton Fabrics ... 267
Dyes on Thread Silk Fast to Hot Soap and Light ... 268
Basic Dyes on Unmordanted Cotton ... 268
Metatoluylenediamine ... 268
Katheton Tan on Raw Cotton Stock ... 306
Artificial Silk Lace ... 306
Dyes for Cotton to Stand Weak Chlorine Bleach ... 359
"Lime Pots" for Cleaning Hands ... 359
Sulphonated Oil on Leather ... 359
Methyl Violet Ground in Castor Oil ... 359
"Para Toner" ... 359
Streaks on Silk Hosiery ... 419
Removal of Pure Mineral Oil ... 419
Dyeing Cheap Black Furs ... 420
Washable Shades on Viscose Art Silk Yarn ... 420

J

Japan's Drug and Dyestuff Protection Legislation: First Complete Translation of ... 61
Job Dyehouse (Brainerd) ... 361

K

Kier Boiling: Practical Science of (Weedon) ... 37

L

LICENSES FOR DYE IMPORTS GRANTED BY U. S. TREASURY DEPARTMENT—
December, 1921 ... 48
January, 1922 ... 129
February, 1922 ... 237
March, 1922 ... 318
Light: Fastness to (Pierce) ... 222
Logarithmic Constants for the Textile Chemist (Pensel) ... 4

M

Machinery: New Line of Drying ... 6
Manufacture of Typewriter Ribbons and Carbon Paper (Hassett) ... 403
MEN OF MARK IN THE DYESTUFF FIELD—
Crossley, M. L. ... 30
Rose, Dr. Robert E. ... 207
Scott, Walter M. ... 310
Wood, Percival J. ... 102
Mercerization [Abstract] (Chase) ... 52
Mercerizing: Warp Yarn (Stead) ... 437
Metric Weights: Decimal Pounds, or (Goldthwait) ... 1
Microscope: An Important Industrial Instrument in Analysis, Testing and Manufacture: The (Johnson, A. K.)—
Part I ... 145
Part II ... 184
Part III ... 257
Part IV ... 290
Mildew-proofing Textile Fabrics: Some Chemical Aspects of Waterproofing and [Abstract] (Adams, W. H) ... 334
Milling: Scouring and (Schofield) ... 349
Mordanting Wool for Hematine (Craven) ... 406

N

Nibs and Lousiness in Dyed Silk: Cause of (Lewis) ... 327
Notes on Dyeing Wool and Worsted Pieces (Knox) ... 369
Notes on the Dyeing of Direct Blacks on Cotton Piece Goods (Sansone) ... 402

O

Oils and Soap from Thrown Silk: Extraction of (Mudge) ... 377
Oxycellulose: On the Action of Dilute Sulphuric Acid on Cotton Cellulose, and an Improved Method of Testing for: (Knecht and Thompson) ... 8

P

Subject	Page
Padder in the Dyeing of Cotton Piece Goods (Kaeppler)	456
PATENTS [Titles in some cases are abbreviated]—	
Green Acid Dyestuffs	34
Green Dyestuff	34
Artificial Silk	34
Clothometer Gauge	34
Mercerizing Hose	34
Degumming Textile Fibers	34
Chlorine Control	34
Dyestuff	34
Artificial Textile Fabric	34
Treatment of Vegetable Fibers	34
Treatment of Vegetable Fibers	35
M-Nitro-P-Cresol	35
Dyeing Machine	35
Wool-like Effects on Cotton Fabrics	35
Fireproofing Textile Fabrics	35
Colored Nitrocellulose Compounds	35
Dyeing Machine	35
Fiber Products	35
Treatment of Vegetable Fibers	35
Dyeing Fibers, Threads, Fabrics	36
Process of Dyeing	36
Precipitating Viscose	36
Unraveling Knitted Goods	36
Heating Wall for Coke Ovens	36
Take-Up Mechanism for Knitting Machines	36
Yarn Severing and Clamping Device for Knitting Machines	36
Knitting Machine Construction	69
Stop Motion for Knitting Machines	69
Machine for Treating Cotton	69
Cloth Finishing	69
Dyeing Yarns	70
Warping and Beaming Machine	70
Fiber Conditioning	70
Preparation of Knitted Fabrics	70
Hand Wheel Loom Mechanism	71
Feeding Mechanism for Hosiery Presses	71
Pile Fabric Frame	71
Halogenation of Anthraquinone Derivatives	71
Compounding Colors	71
Coloring Machine	72
Paranitroaniline from Paranitroacetanilid	72
Salvage Trimmer for Looms	72
Cellulose from Vegetable Matter	107
Treatment of Cellulose	107
Chromium Compounds of Azo Dyestuffs	107
Coating Fabric with Vulcanizable Plastic Material	107
Color Composition	107
Fabric Stripping Machine	107
Drying and Shaping Lace Hosiery	107
Bleaching Cotton	107
Knitting Machine	107
Slicing Mechanism for Circular Knitting Machine	108
Thread Carrier Stop Mechanism for Circular Knitting Machines	108
Tucking and Drop Stitch Mechanism for Knitting Machines	108
Coking Retort Oven	108
Regenerative Coke Oven	108
Warp Dyeing Machine	108
Treatment of Artificial Goods from Viscose	139
Warp Dyeing Beam	140
Bleaching Textile Fibers and Fabrics and Tissues	140
Process of Bleaching Material	142
Machine for Making Tulle	143
Dyestuffs Dyeing on Mordant	144
Coke-Oven Heating Wall	176
Purification of Anthraquinone	176
Purification of Crude Anthracene	176
Tubular Fabrics	177
Drawing Tube for Ring Spinning Machines	178
Beater for Cotton Pickers	179
Acetic Anhydride	180
Dyeing Apparatus	209
Apparatus for Treating Wool, Slubbing Yarns, etc	210
Coating Fabrics	211
Dyeing Machine	212
Vat Dyestuffs	213
Azo Dyes	214
Apparatus for Artificial Silk	215
Determining Quantity of Chemical to Be Added to Unit Volume of Water to Fit It for Use in the Arts	215
Dyeing Machine	246
Fractional Distilling Apparatus	247
Color Identifying Apparatus	249
Fiber Treating Machine	271
Apparatus for Dyeing	271
Vertical Retort for Carbonizing Coal	277
Carding or Straightening the Fibers of Cotton	311
Artificial Goods from Viscose	312
Manufacture of Resorcinol	313
Machine for Spinning, Washing and Dyeing Viscose Threads	314
Textile Drying Machine	315
Knitting Machine	353
Ortho-oxymonoazo Dyes	354
Ortho-oxyazo Dyes	387
Azo Dyes	388
Ortho-oxyazo Dyes for Wool	389
Cloth Plaiting or Piling Machine	389
Process of Dyeing	390
Bleaching Powder	413
Suede Cotton Cloth	414
Dyestuffs of the Indigo Series	415
Decomposing Soapy Waters	416
Brown Dye	417
Alkyl Anilines	417
Piece Dyeing of Ladies' Dress Goods and Coatings with Acid Colors (B. T. C.)—	
Part I	217
Part II	255
Piece Dyeing Woolens and Worsteds (Fisk)	151
Piece Goods: Experiences with Shady (Putnam)	341
Plant: Safety in the Dye	47
Pongee Silk Troubles (Loebl)	439
Practical Science of Kier Boiling (Weedon)	37
Printing of Foulards: Dyeing and	84
PROCEEDINGS OF THE AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS— 9, 49, 85, 121, 157, 193, 229, 331, 373, 441	

R

Reduction of Vat Dyes: Differential (Murray)	17
Reduction Vat Dyes, and Their Use (Hadley)	289
REVIEWS [Titles in some cases are abbreviated]—	
Presence of Acids in Cloth	32
Some Uses of Hypochlorites in Textile Mills	32
New Process of Scouring and Bleaching	33
Artificial Silks	33
Principles of Worsted Spinning	33
Manufacture of Vat Dyes	33
Coke Oven and By-product Works Chemistry	67
The Carbonizing Process	67
Glossary of Textile Terms	67
Cotton Spinning	68
Bleaching	68
Cotton Facts	106
Thin Boiling Starches	106
Dress, Blouse and Costume Cloths	106
Fundamentals of Color Research for Textiles	138
Alpha-Aminoanthraquinone	138
Systematic Qualitative Chemical Analysis	139
Boiled-Off Liquor in the Dye Bath	173
Patents and Chemical Research	174
Manual of Standard Practice for the Power Laundry Washroom	174
Textile Raw Materials and Their Conversion into Yarns	208
Application of the Principles of Efficiency to the Teaching of Chemistry	208
The Popular Chemical Dictionary	242
Textile Mathematics. Part II	242
The Jute Industry	242
The Cotton Industry in France	242
Textile Machine Drawing	243
Trait de Tissage au Jacquard	243
Book of the World Cotton Conference	269
Distillation Principles and Processes	270
Introduction to Textile Chemistry	270
Fundamental Processes of Dye Chemistry	307
Fire Hazards in Chemical Plants	385
Lubrication of Wool	386
Patents and Chemical Research	386
Decortication of Fibrous Plants	386
Yarn Printing	387
Some Observations on the Behavior of Oxidized Cellulose	418
Transparent Effects on Cotton	418
Bleaching	419

S

Safety in the Dye Plant	47
Schultz-Green Numbers: A Cross-Index of Green-Schultz and (Wales)	461
Scouring and Milling (Schofield)	349
Scouring of Textiles: Cleanliness in the (Schofield)	295
Shaded Goods (Biery)	338
Shadeiness and Cloudedness: Some Causes of (Johnson, F. E.)	340
Shady and for Cloudy Goods: The Causes for (Bume)	337
Shady Piece Goods: Experiences with (Putnam)	341
Shoddy Materials: Dyeing of (Sidebottom)	253
Silk and Cotton: Two-Color Effects on (Pierce)	40
Silk: Extraction of Oils and Soap from Thrown (Mudge)	377
Silk: The Dyeing of Acetyl (Briggs)	42
Silk to Washing, Scouring and Fulling: A. A. T. C. C. Provisional Method on Fastness of Dyed	374
Silks: Cause of Nibs and Lousiness in Dyed (Lewis)	327
Silks: Treating	47
Silk Troubles: Pongee (Loebl)	439
Soap: Dye (Brainerd)	3
Soap from Thrown Silk: Extraction of Oils and (Mudge)	377
Soap: Modern Views on (Goldthwait)—	
Part I	109
Part II	153
Part III	188
Sodium Sulphide in a Sulphur Black Dye Bath: Electrometric Titration as a Means of Determining the Free [Abstract] (Russell and Arnold)	346
Standardizing Dyes: Testing and (Greenhalgh)	381
Suggested Method for Filing Sample Dyeings (Adams, E. W.)	433
Sulphur Black Dye Bath: Electrometric Titration as a Means of Determining the Free Sodium Sulphide in a [Abstract] (Russell and Arnold)	346

T

Testing and Standardizing Dyes (Greenhalgh)	381
Tests for the Fastness of Dyestuffs: Development of (Murray)	231
Textile Fabrics: Organic Acids Used in the Treatment of (Hall)	298
Textile Fabrics: Some Chemical Aspects of Water-proofing and Mildew-Proofing [Abstract] (Adams, W. H.)	334
Textiles: Cleanliness in the Scouring of (Schofield)	295
THINGS EVERY TEXTILE CHEMIST SHOULD KNOW—	
No. 1—The Fundamental Difference Between Vegetable and Animal Fibers	41
No. 2—Two Types of Bleaching: Oxidation and Reduction	77
No. 3—Hygroscopic Moisture, Per Cent Moisture Content, and Per Cent Regain	115
No. 4—Reclaimed and Extracted Animal Fibers	294
No. 5—Manufactured Fibers	404
Top Dyeing: Causes of Unevenness in (Spencer)	342
Two-Color Effects on Silk and Cotton (Pierce)	40
Typewriter Ribbons and Carbon Paper: Manufacture of (Hassett)	403

Subject	Page
V	
Vat Dyes, and Their Use: Reduction (Hadley)	289
Vat Dyes: Color Reactions for the Identification of Anthracene (Murray)	159
Vat Dyes: Differential Reduction of (Murray)	17
Vegetable Fiber Industry: The German	79
W	
Warp Dyeing: Some Experiences with Uneven (Haskell)	339
Warp Yarn Mercerizing (Stead)	437
Water-proofing and Mildew-proofing Textile Fabrics: Some Chemical Aspects of [Abstract] (Adams, W. H.)	334
Water Purification for Textile Purposes [Abstract] (Weston)	194
Water Which Affect Dyeing: Impurities in (Hadfield)	75
Wool: After-Chroming of (Claflin)	397
Wool and Worsted Pieces: Notes on Dyeing (Knox)	369
Wool as Raw Stock: Dyeing (Battye)	435
Wool Dyeing: Technical and Practical Faults in	259
Wool for Hematine: Mordanting (Craven)	406
Wool to Fulling, Scouring and Washing: A. A. T. C. C. Provisional Method on Fastness of Dyed	332
Woolens and Worsteds. Piece Dyeing (Fisk)	151
Worsted Dress Fabrics: Dyeing (Matos)	383
Worsteds: Piece Dyeing Woolens and (Fisk)	151
Worsted Pieces: Notes on Dyeing Wool and (Knox)	369

Author Index

Author	Page
ADAMS, E. W.— Suggested Method for Filing Sample Dyeings	433
ADAMS, W. H.— Water-proofing and Mildew-proofing Textile Fabrics	334
ALEXANDER, SIR WILLIAM— England Must Formulate "Empire Policy" in Dealing with International Dye Situation	95
ARNOLD, S. T.— Electrometric Titration as a Means of Determining the Free Sodium Sulphide in a Sulphur Black Dye Bath (in collaboration with W. W. RUSSELL): Part I	346
BARRACLOUGH, C. E.— A Historical Survey of Dyeing	80
BATTYE, RALPH J.— Dyeing Wool as Raw Stock	435
BIERY, THOMAS J.— Shaded Goods	338
BRAINERD, ARTHUR T.— Dye Soap	3
The Job Dyehouse	361
BRIGGS, J. F.— The Dyeing of Acetyl Silk	42
B. T. C.— The Piece Dyeing of Ladies' Dress Goods and Coatings with Acid Colors: Part I	217
Part II	255
BUME, LOUIS F.— Causes for Shady and Cloudy Goods	337
CHASE, ROSCOE L.— Mercerization	52
CLAFLIN, ALAN A.— The After-Chroming of Wool	397
CRAVEN, A. B.— Mordanting Wool for Hematine	406
EASTMAN, H. W.— The Control of Bleach House Processes: Part IV (Note—For Parts I, II and III, see Index to preceding Volume.)	114
EMMONS, GEORGE— Fastness of Basic Dyes to Light	265
FARGHER, GEORGE ROBERT— The Chemical Constituents of Raw Cotton (in collaboration with JOHN CHARLES WITHERS)	116
FISK, H. J.— Piece Dyeing Woolens and Worsteds	151
GOLDTHWAIT, CHARLES F.— Decimal Pounds or Metric Weights	1
Modern Views on Soap: Part I	109
Part II	153
Part III	188
Charts for the Dyehouse (in collaboration with JOHN E. HOFF)	325
GREENHALGH, E.— Testing and Standardizing Dyes	381
GRIER, WILLIAM G.— Chemical Fire Hazards	446
HADFIELD, T.— Impurities in Water Which Affect Dyeing	75
HADLEY, WALTER E.— Reduction Vat Dyes, and Their Use	289
HALL, A. J.— Organic Acids Used in the Treatment of Textile Fabrics	298
HASKELL, WALTER F.— Experiences with Uneven Warp Dyeing	339
HASSETT, PAUL J.— The Manufacture of Typewriter Ribbons and Carbon Paper	403
HOFF, JOHN E.— Charts for the Dyehouse (in collaboration with CHARLES F. GOLDTHWAIT)	325
HUEBNER, J.— The Effect of Scouring and Bleaching Upon the Structure and Strength of Cotton Fabrics	190
JOHNSON, A. K.— The Microscope: An Important Industrial Instrument in Analysis, Testing and Manufacture: Part I	145
Part II	184
Part III	257
Part IV	290
JOHNSON, FRANK E.— Some Causes of Shadedness and Cloudedness	340
KNECHT, EDMUND— On the Action of Dilute Sulphuric Acid on Cotton Cellulose, and an Improved Method of Testing for Oxycellulose (in collaboration with E. P. THOMPSON)	8
KNOX, JOSEPH A.— Notes on Dyeing Wool and Worsted Pieces	369
LEWIS, L. C.— Cause of Nibs and Lousiness in Dyed Silks	327
LOEBL, JOSEF— Pongee Silk Troubles	439
MATOS, LOUIS J.— Dyeing Worsted Dress Fabrics	383
MUDGE, H. S.— Extraction of Oils and Soap from Thrown Silk	377
MURRAY, WALLACE J.— Differential Reduction of Vat Dyes	17
A Bibliography of Literature on the Fastness of Dyes	123
The Development of Tests for the Fastness of Dyestuffs	231
PENSEL, GEORGE R.— Logarithmic Constants for the Textile Chemist	4
PIERCE, E. WALLACE— Two-Color Effects on Silk and Cotton	40
Fastness to Light	222
KAEPPLER, JOSEPH M.— The Padder in the Dyeing of Cotton Piece Goods	456
PUTNAM, LEVERETT N.— A Few of the Important Factors Affecting the Application of Dyestuffs	181
Experiences with Shady Piece Goods	341
RUSSELL, W. W.— Electrometric Titration as a Means of Determining the Free Sodium Sulphide in a Sulphur Black Dye Bath (in collaboration with S. T. ARNOLD): Part I	346
SANSONE, RAFFAELE— Dyeing Cotton Cloth in Cold and Slightly Warmed Baths with Direct Coloring Matters	220
Notes on the Dyeing of Direct Blacks on Cotton Piece Goods	402
SCHOFIELD, JOHN— Cleanliness in the Scouring of Textiles	295
Scouring and Milling	349
SCHROEDER, C. M. EDWARD— The Control of Chlorine in the Bleaching of Cotton Goods	300
SIDEBOTTOM, LEON W.— The Dyeing of Shoddy Materials	253
SPENCER, FREDERICK— Causes of Unevenness in Top Dyeing	342
STEAD, LAWRENCE A.— Warp Yarn Mercerizing	437
STEPHENS, HARRY H.— Hydro-Extractors: Their Use and Abuse	458
TAYLOR, R. L.— Notes on Hypochlorous Acid and Chlorine, with Comparisons of Their Bleaching Action	329
TEMPLETON, GEORGE E.— The Construction, Dyeing and Finishing of Homespuns	401
THOMPSON, E. P.— On the Action of Dilute Sulphuric Acid on Cotton Cellulose, and an Improved Method of Testing for Oxycellulose (in collaboration with EDMUND KNECHT)	8
WALES, H. [Color Laboratory, U. S. Bureau of Chemistry]— A Cross-Index of Green-Schultz and Schultz-Green Numbers	461
WEEDON, D. R.— Practical Science of Kier Boiling	37
WESTON, ROBERT SPURR— Water Purification for Textile Purposes	194
WITHERS, JOHN CHARLES— The Chemical Constituents of Raw Cotton (in collaboration with GEORGE ROBERT FARGHER)	116